ANALOG DIGITAL AUDIO

MODEL	Power Supply Requirements +Vcc Volts	+Icc mA	Isc mA	Rin Kohms	Ib nA	Closed Loop Gain dB	Input CMRR dB	Output Balance Ratio dB	THD + Noise %	SNR @ Vin=0 dBu	Head Room dBu	Slew Rate V/usec	Output CMV Offset mV	Diff Ouput Offset mV	Temperature Range 0 70C	-25 85	-40 85	-55 125	# of Pins	Starting Price /100's	Comments	Fax code
Audio Power Amplifier																						
SSM2211	+2.7>6V	8.5	600	na	0.3	5.8	65	-35	0.1			4					P		8		w/shutdown	1979
Differential Line Drivers																						
SSM2142	±18	±7	60	10	900	5.8	na	-35	0.0006	-93.4	93.4	15	250	50			P		8	$2.95		1797
Differential Line Receivers																						
SSM2141	±4>18	±4	ns	12 or 24	ns	+6 or -6	-38	na	0.0006	107.3	28	6	na	na			P		8	$1.75		1798
SSM2143	±18	±3.5	ns	50	ns	0	-80	na	0.01	ns	ns	6	na	na			P		8	$1.95		1796

Microphone Pre-Amp (Small Signal)

MODEL	Power Supply Requirements +Vcc Volts	+Icc mA	Isc mA	Rin Kohms	Ib uA	Noise RTI Av=100 nV/sqrt	Input CMRR Av=100 dB	Signal BW Av=10 MHz	THD + Noise Av=100 %	Output Swing Volts	Gain Accuracy dB	Slew Rate V/usec	Max Gain dB	Diff Ouput Offset mV	Temperature Range 0 70C	-25 85	-40 85	-55 125	# of Pins	Starting Price /100's	Comments	Fax code
SSM2017	±15	±14	ns	1000	25	1.95	60	2	0.005	±11	1	10	70	500			P			$1.80		1782

Microphone Pre-Amp

MODEL	Power Supply Requirements +Vcc Volts	+Icc mA	Isc mA	Rin Kohms	Ib uA	RTI 20Khz BW dBu	Voltage Noise Density nV/sqrt	Gain BW Av=60dB MHz	THD + Noise Vin=-20dBu %	Buffer In/Out Range Vrms	VCA In/Out Range Vrms	VCA Gain Range dB	Comp Ratio	Temperature Range 0 70C	-25 85	-40 85	-55 125	# of Pins	Starting Price /100's	Comments	Fax code
SSM2165 Pre-Set Noise Gating																					
SSM165	+5	10	ns	180	ns	-109	17	30	0.5	1	1/1.4	60	15:01			P		14	$2.15		1782
SSM2166 Variable Noise Gating																					
SSM166	+5	10	ns	180	ns	-109	17	30	0.5	1	1/1.4	60	15:01			P		8	$2.40		1782

J-FET "CLICKLESS" SWITCHES

Model Number	TYPE	SW Position	tails fo Specs	Vdd to GND Volts	Vss to GND Volts	Idd Max mA	Iss Max mA	R on Max 25C Ohms	Is Off Tmax nA	t on 25C msec	t off 25C msec	TTL logic 1 Volts	Input Latch	Temperature Range 0 70C	-25 85	-40 85	-55 125	# of Pins	Starting Price /100's	Comments	Fax code
SSM2402	2 SPST	NO	±12V	20	36	6	7.5	85	1uA	10	4	2	NO			-		16	$3.53		1801
SSM2412	2 SPST	NO								3.3	1.5								$3.53		1801
SSM2404	4 SPST	NO	±12V	20	36	0.6	0.9	28	1uA		30	2	NO			-		16	$3.45		1802